

Reprint See Attached.



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4202-1

Job Sheet 197157



Part No: D4202-1

Job Qty: 401 pcs

Part Name: Spacer



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 7/2/19

Job Tracking No:

Due Date: 7/26/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV C IPP REV:A NEW ISSUE 10-12-07 JLM VERIFIED:DD IPP REV:B AS PER REV B 11-04-05 JLM
VERIFIED BY:DD IPP Rev:C 11.12.19 PER DWG REV.C DD verf:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Hardinge - 1	401 pcs		7/26/19	0.50	17.06	Hardinge - 1		See Attached!
120	QC 8	401 pcs		7/26/19	0.00	0.00	QC 8 - 12		
							QC 8 - 14		
							QC 8 - 17		
							QC 8 - 20		
							QC 8 - 25		
							QC 8 - 3		
							QC 8 - 32		
							QC 8 - 33		
							QC 8 - 35		
							QC 8 - 39		
							QC 8 - 4		
							QC 8 - 44		
							QC 8 - 45		
							QC 8 - 49		
							QC 8 - 58		
							QC 8 - 8		
							QC 8 - 9		
							QC 8 - 68		
							QC 8 - 67		
							QC 8 - 1 (A)		
							QC 8 - 47		
							QC 8 - 40		
							QC 8 - 52		
							QC 8 - 23		
							QC 8 - 57		
130	Outsource - 1 - Heat Treat	401 pcs		7/26/19			MEI001-VC	9	
140	Packaging 2-1 - Receive - B4B	401 pcs		7/26/19	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		



Container No: S197211



Part: D4202 - 1

Job No: 197157

Serial No/Batch: S197211

Revision:

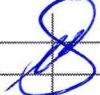
Inspector:

Exp Date:

Instructions: Various STC's

Date: 08/13/19

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

				Packaging 2 - 3 - B4B		AUG 13 2019
				Packaging 2 - 5 - B4B		
				Packaging 2 - 4 - B4B		
				Packaging 2 - 6 - B4B		
				Packaging 2 - 7 - B4B		
				Packaging 2 - 8 - B4B		
				Packaging 2 - 9 - B4B		
				Packaging 2 - 10 - B4B		
				Packaging 2 - 11 - B4B		
				Packaging 2 - 12 - B4B		
				Packaging 2 - 13 - B4B		
				Packaging 2 - 14 - B4B		
				Packaging 2 - 15 - B4B		
				Packaging 2 - 16 - B4B		
				Packaging 2 - 17 - B4B		
				Packaging 2 - 18 - B4B		
				Packaging 2 - 19 - B4B		
				Packaging 2 - 20 - B4B		
				Packaging 2 - 21 - B4B		
				Packaging 2 - 22 - B4B		
				Packaging 2 - 23 - B4B		
				Packaging 2 - 24 - B4B		
				Packaging 2 - 25 - B4B		
				Packaging 2 - 26 - B4B		
				Packaging 2 - 27 - B4B		
				Packaging 2 - 28 - B4B		
				Packaging 2 - 29 - B4B		
				Packaging 2 - 30 - B4B		
				Packaging 2 - 31 - B4B		
				Packaging 2 - 32 - B4B		
				Packaging 2 - 33 - B4B		
				Packaging 2 - 34 - B4B		
				Packaging 2 - 35 - B4B		
				Packaging 2 - 36 - B4B		
150	QC 6	401 pcs	7/26/19	0.00	0.00	QC 6 - 9
						QC 6 - 68
						QC 6 - 61
				Plex 8/13/19 7:29 AM dart.belanger.natasha		

DAS
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				QC 6 - 40		
160 Handfinish - 4-1-Assembly-B4B	401 pcs	7/26/19	0.00 2.01	Handfinish - 4 - 1 - B4B		
				Handfinish - 4 - 10 - B4B		
				Handfinish - 4 - 11 - B4B		
				Handfinish - 4 - 12 - B4B		
				Handfinish - 4 - 13 - B4B		
				Handfinish - 4 - 14 - B4B		
				Handfinish - 4 - 15 - B4B		
				Handfinish - 4 - 2 - B4B		
				Handfinish - 4 - 3 - B4B		
				Handfinish - 4 - 4 - B4B		00
				Handfinish - 4 - 5 - B4B		
				Handfinish - 4 - 6 - B4B		
				Handfinish - 4 - 7 - B4B		
				Handfinish - 4 - 8 - B4B		
				Handfinish - 4 - 9 - B4B		
190 Packaging 3-1 - Stock - B4B	401 pcs	7/26/19	0.00 0.00	Packaging 3 - 1 - B4B		
				Packaging 3 - 2 - B4B		
				Packaging 3 - 3 - B4B		
				Packaging 3 - 4 - B4B		
				Packaging 3 - 5 - B4B		
				Packaging 3 - 6 - B4B		
				Packaging 3 - 7 - B4B		
				Packaging 3 - 8 - B4B		
				Packaging 3 - 9 - B4B		
				Packaging 3 - 10 - B4B		
				Packaging 3 - 11 - B4B		
				Packaging 3 - 12 - B4B		
				Packaging 3 - 13 - B4B		
				Packaging 3 - 14 - B4B		
				Packaging 3 - 15 - B4B		
				Packaging 3 - 16 - B4B		
				Packaging 3 - 17 - B4B		
				Packaging 3 - 18 - B4B		
				Packaging 3 - 19 - B4B		
				Packaging 3 - 20 - B4B		
				Packaging 3 - 21 - B4B		

				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	no
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
200	QC 21 - SA	401 pcs	7/26/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53

Part Op **100** - (Hardinge) 1- Machine as per Folio FB015 ***DO NOT CHAMFER OUTSIDE DIA***
 Descriptions: **120** - (QC8- Inspect parts - second check)
130 - ***HEAT TREAT AS PER DWG D4202*** Mat'l: 6061-T6 Aluminum Tubing Per WWT-700/6
140 - (Receive & Inspect for Damage & Mat'l Certs)
150 - (QC6- All purchased or subcontracted products)
160 - (Assemble as per dwg) WASH SPACER AS PER QSI005
190 - (Identify as per dwg & Stock Location: _____) ***STOCK IN SKIDTUBE CELL ***
200 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6T0.500W.058	6061-T6 Round Tube .500 X.058W	140.3500 ft (.35 ea)	100-Hardinge - 1	5154972

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Hardinge - 1	M6061T6T0.500W.058	140	214	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Spacer	0.500inches ± 0.010	0.510 0.490	Product	
2	Spacer	0.058inches ± 0.010	0.068 0.048	Product	
3	Spacer	4.145inches + 0.030 - 0.010	4.175 4.135	Product	



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D4202-1
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Part No: D4202-1

Job Qty: 400 pcs

Part Name: Spacer



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/2/19

Job Tracking No:

Due Date: 7/26/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV C IPP REV:A NEW ISSUE 10-12-07 JLM VERIFIED:DD IPP REV:B AS PER REV B 11-04-05 JLM
VERIFIED BY:DD IPP Rev:C 11.12.19 PER DWG REV.C DD verf:EC

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Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Hardinge - 1	400 pcs		7/26/19	0.50	17.02	Hardinge - 1		19/07/10
120	QC 8	400 pcs		7/26/19	0.00	0.00	QC 8 - 12		19/07/11
							QC 8 - 14		
							QC 8 - 17		
							QC 8 - 20		
							QC 8 - 25		
							QC 8 - 3		
							QC 8 - 32		
							QC 8 - 33		
							QC 8 - 35		
							QC 8 - 39		
							QC 8 - 4		
							QC 8 - 44		
							QC 8 - 45		
							QC 8 - 49		
							QC 8 - 58		
							QC 8 - 8		
							QC 8 - 9		
							QC 8 - 68		
							QC 8 - 67		
							QC 8 - 1 (A)		
							QC 8 - 47		
							QC 8 - 40		
							QC 8 - 52		
							QC 8 - 23		
							QC 8 - 57		
130	Outsource - 1 - Heat Treat	400 pcs		7/26/19			MEI001-VC	9	2019-07-12
140	Packaging 2-1 - Receive - B4B	400 pcs		7/26/19	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		

Plex 7/2/19 9:55 AM Dart.lajeunesse.marie

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					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	
					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
150	QC 6	400	7/26/19	0.00	0.00	QC 6 - 9
		pcs				QC 6 - 68
						QC 6 - 61
						Plex 7/2/19 9:55 AM Dart.lajeunesse.marie

				QC 6 - 40		
160	Handfinish - 4-1-Assembly-B4B	400 pcs	7/26/19	0.00	2.00	Handfinish - 4 - 1 - B4B
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						Handfinish - 4 - 11 - B4B
						Handfinish - 4 - 12 - B4B
						Handfinish - 4 - 13 - B4B
						Handfinish - 4 - 14 - B4B
						Handfinish - 4 - 15 - B4B
						Handfinish - 4 - 2 - B4B
						Handfinish - 4 - 3 - B4B
						Handfinish - 4 - 4 - B4B
						Handfinish - 4 - 5 - B4B
						Handfinish - 4 - 6 - B4B
						Handfinish - 4 - 7 - B4B
						Handfinish - 4 - 8 - B4B
						Handfinish - 4 - 9 - B4B
190	Packaging 3-1 - Stock - B4B	400 pcs	7/26/19	0.00	0.00	Packaging 3 - 1 - B4B
						Packaging 3 - 2 - B4B
						Packaging 3 - 3 - B4B
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						Packaging 3 - 5 - B4B
						Packaging 3 - 6 - B4B
						Packaging 3 - 7 - B4B
						Packaging 3 - 8 - B4B
						Packaging 3 - 9 - B4B
						Packaging 3 - 10 - B4B
						Packaging 3 - 11 - B4B
						Packaging 3 - 12 - B4B
						Packaging 3 - 13 - B4B
						Packaging 3 - 14 - B4B
						Packaging 3 - 15 - B4B
						Packaging 3 - 16 - B4B
						Packaging 3 - 17 - B4B
						Packaging 3 - 18 - B4B
						Packaging 3 - 19 - B4B
						Packaging 3 - 20 - B4B
						Packaging 3 - 21 - B4B

					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
200	QC 21 - SA	400	7/26/19	0.00	0.00	QC 21 - SA - 21
		pcs				QC 21 - SA - 70
						QC 21 - SA - 53

Part Op **100** - (Hardinge) 1- Machine as per Folio FB015 ***DO NOT CHAMFER OUTSIDE DIA***
 Descriptions: **120** - (QC8- Inspect parts - second check)
130 - ***HEAT TREAT AS PER DWG D4202*** Mat'l: 6061-T6 Aluminum Tubing Per WWT-700/6
140 - (Receive & Inspect for Damage & Mat'l Certs)
150 - (QC6- All purchased or subcontracted products)
160 - (Assemble as per dwg) WASH SPACER AS PER QSI005
190 - (Identify as per dwg & Stock Location: _____) ***STOCK IN SKIDTUBE CELL***
200 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6T0.500W.058	6061-T6 Round Tube .500 X.058W	140 ft (.35 ea)	100-Hardinge - 1	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Hardinge - 1	M6061T6T0.500W.058	140	354	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Spacer	0.500inches ± 0.010	0.510 0.490	Product	
2	Spacer	0.058inches ± 0.010	0.068 0.048	Product	
3	Spacer	4.145inches + 0.030 - 0.010	4.175 4.135	Product	

Plex 7/2/19 9:55 AM Dart.lajeunesse.marie

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Container No: S197211



Part: D4202-1

Job No: 197157

Serial No/Batch: S197211

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.

1270 Aberdeen Street

Hawkesbury, ON K6A 1K7

CANADA

TEL: 1 813 832-5200

Email: sales@dartaero.com

www.dartaerospace.com

Date: 07/10/19



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043999



Supplier: MEI001-VC
Metcor Inc.
560 Boul. Arthur Sauve
Saint-Eustache
QC
J7R 5A8 Canada
Phone: 450 473 1884
Fax: 450 491 5498

Attention: Bejenaru, Livia

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043999

PO Date: 7/12/19

Due Date: 8/12/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED
2019-07-16

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	197157	D4202-1	Spacer : Various STC's ***HEAT TREAT AS PER DWG D4202*** Mat'l: 6061-T6 Aluminum Tubing Per WWT-700/6	Firmed	-	8/12/19	400 pcs	0 pcs	400 pcs	\$1.7225/pcs	\$689.00
Grand Total:											\$689.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retension of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 7/16/19 8:50 AM Dart.Guerin.Kimberley



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043999



Supplier: MEI001-VC
Metcor Inc.
560 Boul. Arthur Sauve
Saint-Eustache
QC
J7R 5A8 Canada
Phone: 450 473 1884
Fax: 450 491 5498

Attention: Bejenaru, Livia

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043999
PO Date: 7/12/19
Due Date: 8/12/19
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com
Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	197157	D4202-1	Spacer : Various STC's ***HEAT TREAT AS PER DWG D4202*** Mat'l: 6061-T6 Aluminum Tubing Per WWT-700/6	Firmed	-	8/12/19	401 pcs	0 pcs	401 pcs	\$1.7225/pcs	\$690.72

401 X AUG 13 2019

Grand Total: \$690.72

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

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A043 retention of quality documents

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A049 supplier awareness

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METCOR INC.

560 BOUL. ARTHUR-SAUVÉ
ST-EUSTACHE, QC J7R 5A8
Tel: 450-473-1884 / Fax: 450-491-5498

Reçu de livraison

Delivery Receipt

BON DE TRAVAIL Order	EXPÉDITEUR Shipper ID	BON D'EXPÉDITION Shipper
338057	1	138908

EXPÉDITION COMPLÈTE / Shipped Complete

CLIENT /Customer 215

DART AEROSPACE

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
Ph: 613-632-5200
Fax: 613-632-1053



LIVRÉ À /Shipped To

DART AEROSPACE

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
Ph: 613-632-5200
Fax: 613-632-1053

COMMANDE DU CLIENT Customer PO	BON DE LIVRAISON DU CLIENT Customer Shipper No.	TYPE DE MATÉRIEL Material Type	DATE DE LA COMMANDE Order Date	TRANSPORTEUR Carrier
HB043999		AL-6061	2019/7/14	CLIENT

QUANTITÉ Quantity	No. PIÈCE Part No.	NOM DE LA PIÈCE Part Name	DESCRIPTION DE LA PIÈCE Part Description	POIDS Weight
1	D4202-1	(1) LOT	D4202-1	40,
		JOB 197157		
		1 BOITE DE CARTON		

TYPE DE CONTENEUR Container Type	# DE CONTENEURS # Of Containers	COMMENTAIRES CONTENEUR Container Comments
BOITE DE CARTON	1	

CERTIFICAT

EXPÉDIÉ PAR: Shipped by:	
-----------------------------	--

QUANTITÉ EXPÉDIÉE / Quantity Shipped : 1

POIDS EXPÉDIÉ / Weight Shipped : 40,00

QUANTITÉ RESTANTE / Quantity Remaining : 0

POIDS RESTANT / Weight Remaining : 0,00

RECEIVED

AUG 07 2019

DART AEROSPACE LTD.

APPROUVÉ

CERTIFICAT

QUANTITÉ EXPÉDIÉE / Quantity Shipped : 1

POIDS EXPÉDIÉ / Weight Shipped : 40,00

Signature:

Date:

EXPÉDIÉ LE / Shipped On : 2019/08/05

METCOR INC.

560 BOUL. ARTHUR-SAUVÉ, ST-EUSTACHE, QC, J7R 5A8

Tél.: 450-473-1884

Télécopieur / Fax administration: 450-491-5498

Télécopieur / Fax production: 450 491-6454

Certificat de Conformité

Certificate of Compliance

BON DE TRAVAIL
order

338057

CHARGEMENT
load

1

CLIENT / customer 215

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to:

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

1

COMMANDE DU CLIENT customer po	CLASSIFICATION PIECE part classification	MATÉRIEL material	MAÎTRE D'OEUVRE prime contractor	PROGRAM
HB043999	N/A	AL-6061		

SPÉCIFICATIONS DU PROCÉDE

processing specifications

SOL ANNEAL

SINGLE AGING TO CONDITION T42

EXIGENCE / requirement	SPÉCIFICATIONS / specified	TESTS EXÉCUTÉS / performed	RÉSULTATS DE TESTS / results
CONDUCTIVITY	36 - 44 %IACS	30	37 - 39 %IACS
HARDNESS	60 HREW MIN	30	60 - 61 HREW
DURETE MESUREE EN HR15TW = 62,5-63,0 HR15TW			

QUANTITÉ quantity	POIDS weight	DESCRIPTION DES PIÈCES parts description
1	40	D4202-1 (1) LOT D4202-1 JOB 197157 1 BOITE DE CARTON

COMMENTAIRES / comments

APPROUVÉ par / Approved by:

DATE: 2019-08-05

Pierre Piché
Chief Inspector



APPROUVÉ

METCOR INC.

560 BOUL. ARTHUR-SAUVÉ, ST-EUSTACHE, QC, J7R 5A8

Tél.: 450-473-1884

Télécopieur / Fax administration: 450-491-5498

Télécopieur / Fax production: 450 491-6454

Certificat de Conformité Détaillé

Detailed Certificate of Compliance

BON DE TRAVAIL order	CHARGEMENT load
338057	1

CLIENT / customer 215

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to:

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

1

COMMANDE DU CLIENT customer po	CLASSIFICATION PIECE part classification	MATÉRIEL material	MAÎTRE D'OEUVRE prime contractor	PROGRAM
HB043999	N/A	AL-6061		

SPÉCIFICATIONS DU PROCÉDÉ processing specifications

SOL ANNEAL

SINGLE AGING TO CONDITION T42

EXIGENCE / requirement	SPÉCIFICATIONS / specified	TESTS EXÉCUTÉS / performed	RÉSULTATS DE TESTS / results
CONDUCT	36 - 44 %IACS	30 60 KHZ	37 - 39 %IACS
HARDNESS	60 HREW MIN	30	60 - 61 HREW DURETE MESUREE EN HR15TW = 62,5-63,0 HR15TW

QUANTITÉ quantity	POIDS weight	DESCRIPTION DES PIÈCES parts description
1	40	D4202-1 (1) LOT D4202-1 JOB 197157 1 BOITE DE CARTON

COMMENTAIRES / comments

SOLUTION ANNEAL 985°F - 30 MINS
AGE HARDEN AMBIANT

Heat treatment (HT) was performed with equipment that meets the requirements of requested specification. All HT operations were performed in compliance with the required HT specification and all verifications have been performed and documented. No unauthorized changes were performed in regards to the HT. We certify that the material was manufactured, sampled, tested and inspected in accordance with the material specification and the purchase order and was found to meet the requirements.

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Le traitement thermique (TT) a été fait en utilisant des équipements en conformité avec la spécification demandée.

Toutes les opérations de TT ont été faites en conformité avec les requis de la spécification demandée et toutes les

vérifications et les tests demandés ont été faites et documentés. Aucun changement n'a été faite par rapport au TT. On

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ON K6A 1K7

1

Remarque: Les tests demandés ont été faits et documentés. Aucun changement n'a été fait par rapport au P.T. On certifie que le matériel a été fabriqué, échantillonné, testé et inspecté en accord avec les spécifications du matériel et le bon de commande et le matériel rencontre les exigences spécifiées.

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APPROUVÉ par / Approved by:

DATE: 2019-08-05

Lucie Desmarais
QA Technician

METCOR
70

METCOR INC.

560 BOUL. ARTHUR-SAUVÉ
ST-EUSTACHE, QC J7R 5A8
Tel: 450-473-1884 / Fax: 450-491-5498

Reçu de livraison

Delivery Receipt

BON DE TRAVAIL	EXPÉDITEUR	BON D'EXPÉDITION
Order	Shipper ID	Shipper
338057	1	138991

EXPÉDITION COMPLÈTE / Shipped Complete

CLIENT /Customer 215

DART AEROSPACE
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
Ph: 613-632-5200
Fax: 613-632-1053



LIVRÉ À /Shipped To

DART AEROSPACE
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
Ph: 613-632-5200
Fax: 613-632-1053

COMMANDE DU CLIENT	BON DE LIVRAISON DU CLIENT	TYPE DE MATÉRIEL	DATE DE LA COMMANDE	TRANSPORTEUR
Customer PO	Customer Shipper No.	Material Type	Order Date	Carrier
HB043999 ✓		AL-6061	2019/7/14	CLIENT

QUANTITÉ	No. PIÈCE	NOM DE LA PIÈCE	DESCRIPTION DE LA PIÈCE	POIDS
Quantity	Part No.	Part Name	Part Description	Weight
401 ✓	D4202-1 ✓			40,
	D4202-1 ✓			
	JOB 197157 ✓			

1 BOITE DE CARTON

TYPE DE CONTENEUR	# DE CONTENEURS	COMMENTAIRES CONTENEUR
Container Type	# Of Containers	Container Comments
BOITE DE CARTON	1	

CERTIFICAT

EXPÉDIÉ PAR: Shipped by:	
-----------------------------	--

QUANTITÉ EXPÉDIÉE / Quantity Shipped : 401
POIDS EXPÉDIÉ / Weight Shipped : 40,00
QUANTITÉ RESTANTE / Quantity Remaining : 0
POIDS RESTANT / Weight Remaining : 0,00

RECEIVED

AUG 0 8 2019

DART AEROSPACE LTD.

CERTIFICAT

QUANTITÉ EXPÉDIÉE /Quantity Shipped:	401
POIDS EXPÉDIÉ / Weight Shipped :	40,00

Signature:

Date:

METCOR INC.

560 BOUL. ARTHUR-SAUVÉ, ST-EUSTACHE, QC, J7R 5A8

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Certificate of Compliance

BON DE TRAVAIL order	CHARGEMENT load
338057	1

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COMMANDE DU CLIENT customer po	CLASSIFICATION PIECE part classification	MATÉRIEL material	MAÎTRE D'OEUVRE prime contractor	PROGRAM
HB043999 ✓	N/A	AL-6061		
SPÉCIFICATIONS DU PROCÉDÉ processing specifications SOL ANNEAL SINGLE AGING TO CONDITION T42				
EXIGENCE / requirement SPÉCIFICATIONS / specified TESTS EXÉCUTÉS / performed RÉSULTATS DE TESTS / results				
CONDUCTIVITY	36 - 44 %IACS	30	37 - 39 %IACS	
		60 KHZ		
HARDNESS	60 HREW MIN	30	60 - 61 HREW	
		DURETE MESUREE EN HR15TW = 62,5-63,0 HR15TW		
QUANTITÉ quantity ✓	POIDS weight	DESCRIPTION DES PIÈCES parts description		
401 ✓	40	D4202-1 ✓ D4202-1 ✓ JOB 197157 ✓ 1 BOITE DE CARTON		

COMMENTAIRES / comments

APPROUVÉ par / Approved by:

DATE: 2019-08-08

Pierre Piché
Chief Inspector



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HB043999	N/A	AL-6061		
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SOL ANNEAL SINGLE AGING TO CONDITION T42				
EXIGENCE / requirement	SPÉCIFICATIONS / specified	TESTS EXÉCUTÉS / performed	RÉSULTATS DE TESTS / results	
CONDUCTIVITY	36 - 44 %IACS	30	37 - 39 %IACS	
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			DURETE MESUREE EN HR15TW = 62,5-63,0 HR15TW	
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401	40	D4202-1 D4202-1 JOB 197157 1 BOITE DE CARTON		

COMMENTAIRES / comments

SOLUTION ANNEAL 985°F - 30 MINS
AGE HARDEN AMBIANT

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Certifier que le matériel a été fabriqué, conformément, testé et inspecté en accord avec les spécifications du matériel et le bon de commande et le matériel rencontre les exigences spécifiées.

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DATE: 2019-08-08

Lucie Desmarais
QA Technician

